Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate
1	KSRRB M300-2: Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw up to 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3.
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs** with **40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.
3	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 14/ Item No. 4.31/** PWD SR **2010-11**
4	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. Page
5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19/ Item No. 4.46/ PWD SR 2011-12**
6	KSRRB M300-52.1. Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material within all lifts and leads upto 1000 metres complete as per specifications.
7	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.
8	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. (P. 170, Item No. 20.18) SR 2013-14
9	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 175, Item No. 21.6) SR 2013-14
10	KSRRB M500-18. Providing and laying semi dense bituminous concrete 30 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. with 80/100 grade bitumen using 40-60 HMP using mechanical paver (P. 178, Item No. 21.20.5) SR 2013-14
11	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 5.00 Km (Page No.141)
	Total
	Third party inspection charges 1%
	KRIDL CHARGES 11%
	Grand Total

Certificate

1 Certified that the above work done satisfactory and no materials issued from departmentally

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Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No. **First & Final** Date.....2014

Division: **Byatarayanapura** Sub-Division: **Kodigehalli sub division**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code:** 007-14-000116

Schedule Docket No. Head of Account: P-2363 Est.Cost: 50.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate: **Improvements of roads and drains in 1st main road & 2nd main UAS layout and in Jakkur ward no. 07 (Byatarayanapura) Kodigehalli sub division.**

Name of Contractor and Full Address: **Technical Manager KRIDL (West)**

Reference to Agreement No.EE/BTP/KRIDL/W.O/ 27 /2013-14 Date: 3/7/14

Certified that the measurements were taken by me on 28/8/14 and recorded of Pages 88654 of measurement Book No. 1887 and that the work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Officer-in-charge of work

Certified that the measurements were taken by me on 28/8/14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	Amount FINAL BILL 4879255-00
	b. Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	IT - 97586-00 VAT - 195171-00 FSD - 317152-00 LWL - 48793-00 CBF - 4880-00 LR - 65000-00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	728582
		By Ch - 4150673

Contractor's Signature

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Dated Signature of Contractor

Paid by Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

Audited & Admitted for Rs 4879255-00
4150673-00
and Rs 728582-00

Executive Engineer

Accts. Supdt.
Byatarayanapura Dn
BBMP

26/3

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Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	626.50 621.22	65.88	41274.00 40926.00	626.50 621.22	41274.00 40926.00	
-	-	4.05	4290.84	17378.00	4.05	17378.00	
-	-	90.00	199.80	17982.00	90.00	17982.00	
-	-	5.63	6468.12	36416.00	5.63	36416.00	
-	-	4.50	7380.72	33213.00	4.50	33213.00	
-	-	9475.00	16.47	156053.00	9475.00	156053.00	
-	-	9475.00	3.94	37332.00	9475.00	37332.00	
-	-	731.00	1121.04	819480.00	731.00	819480.00	
-	-	9475.00	44.28	419553.00	9475.00	419553.00	
-	-	284.25 277.74	9981.36	2837202.00	284.25	2837202.00	
-	-	626.50 621.22	72.71	45553.00	626.50	45553.00	
				4461436 439524.81		4461436 439524.81	
				44614		44614	
				490758 483529.72		490758 483529.72	
				4996808		4996808	
				4879254.53		4879254.53	

277.74
9772229.92
45168.90
621.22
2732227.92
45168.90

D. K. Medhavidha

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

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